WHAT IS CLAIMED IS:

- 1 1. A method for making data available to an application program,
- 2 comprising:
- generating a cursor positioned with respect to a result table, wherein the cursor
- 4 specifies a search criteria, wherein the result table includes rows from a base table that
- 5 satisfy the search criteria;
- 6 receiving a fetch request indicating to position the cursor on a plurality of rows of
- 7 the result table; and
- 8 positioning the cursor on the plurality of rows of the result table indicated in the
- 9 fetch request that satisfy the search criteria.
- 1 2. The method of claim 1, further comprising:
- 2 placing a lock on the plurality of rows of the result table on which the cursor is
- 3 positioned.
- 1 3. The method of claim 2, wherein the fetch request is received from a client
- 2 at a server, further comprising:
- returning, by the server, the plurality of rows at the server on which the cursor is
- 4 positioned to the client that sent the fetch request, wherein the lock is placed on the
- 5 plurality of rows at the server to block the plurality of rows on which the cursor is
- 6 positioned.
- 1 4. The method of claim 2, further comprising:
- 2 receiving a subsequent fetch request to reposition the cursor on at least one row of
- 3 the result table; and
- 4 releasing the lock on the plurality of rows of the result table on which the cursor
- 5 is currently positioned before being repositioned.

l	5. The method of claim 1, wherein the cursor is positioned on a current
2	plurality of rows of the result table before receiving the fetch request, and wherein
3	positioning the cursor further comprises:
4	determining a rowset size; and
5	positioning the cursor on a number of rows with respect to one row of the result
6	table having rows that satisfy the search criteria.
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1	6. The method of claim 5, wherein positioning the cursor on the number of
2	rows with respect to one row of the result table comprises one of:
3	positioning the cursor on a number of rows preceding a first row of the current
4	plurality of rows that satisfy the search criteria;
5	positioning the cursor on a number of rows from a first row of the result table that
6	satisfy the search criteria;
7	positioning the cursor on a number of rows preceding an end of the result table
8	that satisfy the search criteria;
1	7. The method of claim 1, wherein the cursor is positioned on a current
2	plurality of rows of the result table before receiving the fetch request specifying an
3	integer k , and wherein positioning the cursor further comprises:
4	determining a rowset size; and
5	positioning the cursor on a number of rows that satisfy the search criteria and is
6	positioned with respect to k rows from row of the result table having rows that satisfy the
7	search criteria.
1	8. The method of claim 7, wherein positioning the cursor on a number of
2	rows that satisfy the search criteria and is positioned with respect to k rows from row of

3 the result table comprises one of:

- positioning the cursor on a number of rows that satisfy the search criteria and precede k rows preceding a first row of the current plurality of rows that satisfy the search criteria;
- positioning the cursor on a number of rows that satisfy the search criteria and follow a number of rows equal to the rowset size from a kth row from a first row of the result table;
- positioning the cursor on a number of rows that satisfy the search criteria and precedes k rows that satisfy the search criteria preceding a last row of the result table; and
- 1 9. The method of claim 1, further comprising:
- receiving a request to modify at least one row in the rows on which the cursor is
 positioned; and
- modifying the at least one row on which the cursor is positioned as indicated in the request.
- 1 10. The method of claim 9, wherein the modification comprises updating or 2 deleting the at least one row on which the cursor is positioned as indicated in the request.
- 1 11. The method of claim 1, wherein the cursor comprises one of a static cursor 2 or dynamic cursor, wherein if the cursor is static, then the cursor is either sensitive or 3 insensitive to changes in the base table from which the result table is generated.
- 1 12. The method of claim 1, wherein the cursor is positioned on a current 2 plurality of rows of the result table before receiving the fetch request, and wherein the 3 current plurality of rows is a different number than a number of the rows on which the 4 cursor is positioned in response to the fetch request.
- 1 13. A system for making data available to an application program, 2 comprising:

3	a memory;
4	a base table;
5	a result table, wherein the result table includes rows from a base table that satisfy
6	a search criteria;
7	means for generating a cursor positioned with respect to the result table;
8	means for receiving a fetch request indicating to position the cursor on a plurality
9	of rows of the result table; and
10	means for positioning the cursor on the plurality of rows of the result table

1 14. The system of claim 13, further comprising:

indicated in the fetch request that satisfy the search criteria.

- means for placing a lock on the plurality of rows of the result table on which the cursor is positioned.
- 1 15. The system of claim 14, wherein the fetch request is received from a client 2 at a server, further comprising:
- means, performed by the server, for returning the plurality of rows at the server
- 4 on which the cursor is positioned to the client that sent the fetch request, wherein the lock
- 5 is placed on the plurality of rows at the server to block the plurality of rows on which the
- 6 cursor is positioned.

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- 1 16. The system of claim 14, further comprising:
- 2 means for receiving a subsequent fetch request to reposition the cursor on at least
- 3 one row of the result table; and
- 4 means for releasing the lock on the plurality of rows of the result table on which
- 5 the cursor is currently positioned before being repositioned.

1	17. The system of claim 13, wherein the cursor is positioned on a current
2	plurality of rows of the result table before receiving the fetch request, and wherein the
3	means for positioning the cursor further performs:
4	determining a rowset size; and
5	positioning the cursor on a number of rows with respect to one row of the result
6	table having rows that satisfy the search criteria.
1	18. The system of claim 17, wherein the means for positioning the cursor on
2	the number of rows with respect to one row of the result table performs one of:
3	positioning the cursor on a number of rows preceding a first row of the current
4	plurality of rows that satisfy the search criteria;
5	positioning the cursor on a number of rows from a first row of the result table that
6	satisfy the search criteria;
7	positioning the cursor on a number of rows preceding an end of the result table
8	that satisfy the search criteria;
1	19. The system of claim 1, wherein the cursor is positioned on a current
2	plurality of rows of the result table before receiving the fetch request specifying an
3	integer k , and wherein the means for positioning the cursor further performs:
4	determining a rowset size; and
5	positioning the cursor on a number of rows that satisfy the search criteria and is
6	positioned with respect to k rows from a row of the result table having rows that satisfy
7	the search criteria.
1	20. The system of claim 19, wherein the means for positioning the cursor on a
2	number of rows that satisfy the search criteria and is positioned with respect to k rows

3 from a row of the result table performs one of:

4	positioning the cursor on a number of rows that satisfy the search criteria and
5	precede k rows preceding a first row of the current plurality of rows that satisfy the
6	search criteria;
7	positioning the cursor on a number of rows that satisfy the search criteria and
8	follow a number of rows equal to the rowset size from a kth row from a first row of the
9	result table; and
10	positioning the cursor on a number of rows that satisfy the search criteria and

1 21. The system of claim 13, further comprising:

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2 means for receiving a request to modify at least one row in the rows on which the 3 cursor is positioned; and

precedes k rows that satisfy the search criteria preceding a last row of the result table; and

- means for modifying the at least one row on which the cursor is positioned as indicated in the request.
- 1 22. The system of claim 13, wherein the cursor comprises one of a static 2 cursor or dynamic cursor, wherein if the cursor is static, then the cursor is either sensitive 3 or insensitive to changes in the base table from which the result table is generated.
- 1 23. An article of manufacture for making data available to an application 2 program, wherein the article of manufacture causes operations to be performed, the 3 operations comprising:
 - generating a cursor positioned with respect to a result table, wherein the cursor specifies a search criteria, wherein the result table includes rows from a base table that satisfy the search criteria;
- receiving a fetch request indicating to position the cursor on a plurality of rows of the result table; and
- 9 positioning the cursor on the plurality of rows of the result table indicated in the 10 fetch request that satisfy the search criteria.

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1	24. The article of manufacture of claim 23, wherein the operations further
2	comprise:
3	placing a lock on the plurality of rows of the result table on which the cursor is
4	positioned.
1	25. The article of manufacture of claim 24, wherein the fetch request is
2	received from a client at a server, and wherein the operations further comprise:
3	returning, by the server, the plurality of rows at the server on which the cursor is
4	positioned to the client that sent the fetch request, wherein the lock is placed on the
5	plurality of rows at the server to block the plurality of rows on which the cursor is
6	positioned.
1	26. The article of manufacture of claim 24, wherein the operations further
2	comprise:
3	receiving a subsequent fetch request to reposition the cursor on at least one row of
4	the result table; and
5	releasing the lock on the plurality of rows of the result table on which the cursor
6	is currently positioned before being repositioned.
1	27. The article of manufacture of claim 23, wherein the cursor is positioned on
2	a current plurality of rows of the result table before receiving the fetch request, and
3	wherein positioning the cursor further comprises:
4	determining a rowset size; and
5	positioning the cursor on a number of rows with respect to one row of the result
6	table having rows that satisfy the search criteria.
1	28. The article of manufacture of claim 27, wherein positioning the cursor on
2.	the number of rows with respect to one row of the result table comprises one of:

3	positioning the cursor on a number of rows preceding a first row of the current
4	plurality of rows that satisfy the search criteria;

- positioning the cursor on a number of rows from a first row of the result table that satisfy the search criteria;
- positioning the cursor on a number of rows preceding an end of the result table that satisfy the search criteria;
 - 29. The article of manufacture of claim 23, wherein the cursor is positioned on a current plurality of rows of the result table before receiving the fetch request specifying an integer k, and wherein positioning the cursor further comprises:
- 4 determining a rowset size; and

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- positioning the cursor on a number of rows that satisfy the search criteria and is positioned with respect to k rows from row of the result table having rows that satisfy the search criteria.
- 1 30. The article of manufacture of claim 29, wherein positioning the cursor on 2 a number of rows that satisfy the search criteria and is positioned with respect to k rows 3 from row of the result table comprises one of:
- positioning the cursor on a number of rows that satisfy the search criteria and precede k rows preceding a first row of the current plurality of rows that satisfy the search criteria;
- positioning the cursor on a number of rows that satisfy the search criteria and follow a number of rows equal to the rowset size from a kth row from a first row of the result table;
- positioning the cursor on a number of rows that satisfy the search criteria and precedes k rows that satisfy the search criteria preceding a last row of the result table; and

- 1 31. The article of manufacture of claim 23, wherein the operations further
 2 comprise:
 3 receiving a request to modify at least one row in the rows on which the cursor is
 4 positioned; and
 5 modifying the at least one row on which the cursor is positioned as indicated in
 6 the request.
- 1 32. The article of manufacture of claim 31, wherein the modification 2 comprises updating or deleting the at least one row on which the cursor is positioned as 3 indicated in the request.
- 1 33. The article of manufacture of claim 23, wherein the cursor comprises one 2 of a static cursor or dynamic cursor, wherein if the cursor is static, then the cursor is 3 either sensitive or insensitive to changes in the base table from which the result table is 4 generated.
- 1 34. The article of manufacture of claim 23, wherein the cursor is positioned on 2 a current plurality of rows of the result table before receiving the fetch request, and 3 wherein the current plurality of rows is a different number than a number of the rows on 4 which the cursor is positioned in response to the fetch request.